

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for developing data for a mobile information system comprising:

receiving information preferences from a plurality of subscribers to said mobile information system, wherein each subscriber's information preferences specify at least one type of dynamically changing information available from a same data source provider that said subscriber desires to receive through subscription to said mobile information system;

aggregating those of said information preferences received from said plurality of subscribers that correspond to [[a]] said same data source provider into aggregated information preferences;

transmitting said aggregated information preferences to said same data source provider; and

assembling data for said mobile information system using said aggregated information preferences.

2. (Original) The method of claim 1 further comprising:

separating said information preferences according to one of a plurality of channels of said mobile information system.

3. (Previously Presented) The method of claim 2 wherein said transmitting comprises:

transmitting said aggregated information preferences to said data source provider responsible for providing said assembled data for said one of said plurality of channels.

4. (Original) The method of claim 1 further comprising:

transmitting said assembled data to said mobile information system; and

sending subscriber-specific feed data streams to each one of said plurality of subscribers according to said information preferences entered by said plurality of subscribers.

5. (Original) The method of claim 4 further comprising:
determining which of said plurality of subscribers are connected to said mobile information system; and
wherein said sending step comprises:
sending subscriber-specific feed data streams to connected ones of said plurality of subscribers.

6. (Original) The method of claim 4 further comprising:
checking assigned bandwidth limitations for each of said plurality of subscribers; and
wherein said sending step comprises:
sending subscriber-specific feed data streams to ones of said plurality of subscribers whose assigned bandwidth limitations has not been exceeded.

7. (Original) The method of claim 1 wherein said data is contained in a data document, wherein said data document is created from a data-descriptive meta-language.

8. (Original) The method of claim 7 wherein said data document is obtained by one of:
polling a Web site containing a formatted data document;
polling a data server containing an unformatted data document, wherein an data style layout transform is used to transform said unformatted data document into a formatted data document;
using a library resource to push said data document to said mobile information system; and
running a data development server to:
gather data from said data source provider;
convert said data into said data document; and
transmit said data document to said mobile information system.

9. (Currently Amended) A system for compiling data for a mobile rich media information system comprising:

means for gathering information preferences from a plurality of subscribers to said mobile rich media information system;

means for assembling ~~these~~ two or more of said information preferences gathered from said plurality of subscribers that correspond to different data of a same data source provider into an aggregate preference;

means for transmitting said aggregate preference to said data source provider; and

means for compiling data for said mobile rich media information system using said aggregated information preferences.

10. (Original) The method of claim 9 further comprising:

means for separating said information preferences according to one of a plurality of rich media channels offered by said mobile rich media information system.

11. (Previously Presented) The method of claim 10 wherein said transmitting comprises:

means for transmitting said aggregate preference to said data source provider responsible for providing said compiled data for said one of said plurality of rich channels.

12. (Original) The method of claim 9 further comprising:

means for transmitting said compiled data to said mobile rich media information system; and

means for sending subscriber-specific channel data streams to each one of said plurality of subscribers according to said information preferences entered by individual ones of said plurality of subscribers.

13. (Original) The method of claim 12 further comprising:
means for determining which of said plurality of subscribers are connected to said mobile rich media information system; and
wherein said means for sending comprises:
means for sending subscriber-specific channel data streams to connected ones of said plurality of subscribers.

14. (Original) The method of claim 12 further comprising:
means for determining a bandwidth limitation assigned to each of said plurality of subscribers; and
wherein said means for sending comprises:
means for sending subscriber-specific channel data streams to ones of said plurality of subscribers whose bandwidth limitation has not been exceeded.

15. (Original) The method of claim 9 wherein said compiled data is formatted into a data document, wherein said data document is created from a data-descriptive meta-language.

16. (Original) The method of claim 15 wherein said data document is obtained by one of:
means for polling a Web site containing a formatted data document;
means for polling a data server containing an unformatted data document, wherein an data style layout transform is used to transform said unformatted data document into a formatted data document;
means for using a library resource to push said data document to said mobile rich media information system; and
means for running a data development server to:
gather data from said data source provider;
convert said data into said data document; and
transmit said data document to said mobile rich media information system.

17. (Currently Amended) A computer program product having a computer readable medium with computer program logic recorded thereon for developing information for a mobile information system, said computer program product comprising:

code for receiving one or more preferences from a plurality of subscribers to said mobile information system, wherein each of said preferences identifies a subset of dynamically changing information available for subscription through at least one information channel;

code for assembling those of said one or more preferences received from said plurality of subscribers that correspond to a same information source provider into an aggregate preference;

code for transmitting said aggregate preference to said information source provider;
and

code for compiling information for said mobile information system using said aggregate preference.

18. (Original) The computer program product of claim 17 further comprising:
code for separating said one or more preferences according to one of a plurality of channels subscribed to by said plurality of subscribers.

19. (Previously Presented) The computer program product of claim 18 wherein said code for transmitting comprises:

code for transmitting said aggregate preference to said information source provider responsible for providing said compiled information for said one of said plurality of channels.

20. (Original) The computer program product of claim 17 further comprising:
code for transmitting said compiled information to said mobile information system;
and

code for sending subscriber-specific channel data streams to each one of said plurality of subscribers according to said one or more preferences entered by individual ones of said plurality of subscribers.

21. (Original) The computer program product of claim 20 further comprising:
code for determining which ones of said plurality of subscribers have an open session
with said mobile information system; and
wherein said code for sending comprises:
code for sending subscriber-specific channel data streams to connected ones of
said plurality of subscribers determined to have said open connection.

22. (Original) The computer program product of claim 20 further comprising:
code for determining a bandwidth limitation for each of said plurality of subscribers;
and
wherein said code for sending comprises:
code for sending subscriber-specific channel data streams to ones of said
plurality of subscribers having available bandwidth within said determined bandwidth
limitation.

23. (Original) The computer program product of claim 17 wherein said
information is contained in a information document, wherein said information document is
created from a data-descriptive meta-language.

24. (Original) The computer program product of claim 23 wherein said
information document is obtained by one of:
code for polling a Web site containing a formatted information document;
code for polling a information server containing an unformatted information
document, wherein an data style layout transform is used to transform said unformatted
information document into a formatted information document;
code for using a library resource to push said information document to said mobile
information system; and
code for running a information development server to:
gather information from said information source provider;
convert said information into said information document; and
transmit said information document to said mobile information system.

25. (New) A method comprising:

receiving, at an enhanced broadcast server, preferences from a plurality of subscribers to a mobile information system, wherein said preferences specify for each of said subscribers a subset of information that is available from at least one data provider with which said enhanced broadcast server is communicatively coupled and that is of interest to said subscriber;

aggregating, by said enhanced broadcast server, said preferences of said plurality of subscribers for information available from one of said at least one data provider to form a superset of said information that is of interest to said plurality of subscribers;

sending, from said enhanced broadcast server, a request for said superset of said information to said one of said at least one data provider;

receiving, at said enhanced broadcast server, said requested superset of said information from said one of said at least one data provider;

determining, by said enhanced broadcast server, corresponding subsets of said received superset of said information that are of interest to each of said plurality of subscribers based on each of said subscribers' preferences; and

sending, from said enhanced broadcast server, said determined subsets of said received superset of said information to each of said plurality of subscribers.

26. (New) The method of claim 25 further comprising:

sending, to at least one of said plurality of subscribers, an aggregate of said received information from different ones of said at least one data provider that are of interest to said at least one of said plurality of subscribers.

27. (New) A method comprising:

receiving, at an enhanced broadcast server, preferences from a plurality of subscribers to a mobile information system, wherein said preferences specify for each of said subscribers a corresponding subset of information that is available from at least one data provider with which said enhanced broadcast server is communicatively coupled that is of interest to said each of said subscribers;

receiving, at said enhanced broadcast server from at least one data provider, information for all subsets that are of interest to said plurality of subscribers;

determining, by said enhanced broadcast server, corresponding subsets of said received information that are of interest to each of said plurality of subscribers based on each of said subscribers' preferences; and

sending, from said enhanced broadcast server, each of said determined subsets of said received information to each of said plurality of subscribers.

28. (New) The method of claim 27, further comprising:

aggregating, by said enhanced broadcast server, said preferences from said plurality of subscribers for information available from one of said at least one data provider to form one or more supersets of said information that are of interest to said plurality of subscribers.

29. (New) The method of claim 28, further comprising:

sending, from said enhanced broadcast server, a request for said one or more supersets of said information to said one of said at least one data provider.

30. (New) The method of claim 27 further comprising:

sending, to at least one of said plurality of subscribers, an aggregate of said received information from different ones of said at least one data provider that are of interest to said at least one of said plurality of subscribers.